

# **Fiscal Year 2006 Business Plan MLRA Soil Survey Region 13 West Virginia Soil Survey Program**

---

***OUR MISSION: Providing leadership in a partnership effort to help people conserve, maintain, and improve our natural resources and environment through a better understanding of soils. We are committed to helping field staff develop and publish quality soil surveys in any format. Our focus is on making the customer successful, particularly our field service center staff as they work to implement the Farm Bill.***

***OUR VISION: We want a soil survey program that meets the challenges of the new age where our database is dynamic, technologically advanced, and easily accessible by the public we serve. Above all, we want a program that is truly representative of our Agency's \$5 billion asset.***

## **Soil Survey Priorities for Fiscal Year 2006:**

- Expand the use of new technology in soil survey offices, improving efficiency and quality of our soil surveys
- Finalize the MLRA Management Restructuring Area Plan to improve program management
- Provide Leadership in the Update and Maintenance of soil surveys in the MO-13 Work Area
- Market the NCSS, strengthen partnerships, and utilize outreach programs to improve diversity
- Strive to improve communications between the state soil scientists in the MO region

## **Other Priority Initiatives:**

- Update mapping in high priority areas: 590,000 acres
- Continue to develop the Web Soil Survey and promote its use and development
- Provide SSURGO data for the Customer Service Tool Kit and Conservation Security Program: 8 Survey Areas
- Support the states in MO-13 in quality assurance, investigations, lab data, and cartography
- Begin collection of soil phosphorus runoff data and Ksat research in Potomac Basin
- Work with the National Park Service and Forest Service in update mapping on Federal Lands
- Take advantage of all training opportunities, particularly for new staff

**Fiscal Year 2006 Business Plan  
MLRA Soil Survey Region 13  
West Virginia Soil Survey Program**

<i>Action Item</i>	<i>Start Date</i>	<i>Ending Date</i>	<i>Responsible Person</i>	<i>Percentage Complete</i>	<i>Comments/ Earmarks</i>
--------------------	-------------------	--------------------	---------------------------	----------------------------	---------------------------

- Goal 1: Continue to *streamline* the delivery of published soil surveys via electronic means

Objective 1.1: Work through to complete all pending technical edits that have maps ready

Nov 2005	Apr 2006	Carpenter/MO-13 staff
----------	----------	-----------------------

Objective 1.2: Complete digitizing and publish 8 soil surveys\* to the Web Soil Survey: Program Manager Earmark (SSURGO)

Logan/Mingo Counties	Dec 2005	Jan 2006	Delp and staff
Lincoln County	Jul 2006	Aug 2006	Delp and Staff
Jackson/Mason	May 2006	July 2006	Delp and Staff
Barbour	Jan 2006	Feb 2006	Delp and Staff
Wood/Wirt	Feb 2006	Mar 2006	Delp and Staff

\*  
This is a total of 2,040,600 acres

Objective 1.3: Work with users of soils information to promote new formats for publication through public meetings and conferences.

Feb 06	Sep 06	Carpenter/Delp/RSS
--------	--------	--------------------

Carpenter and Delp will work to hold a soil survey work planning conference during the late Winter/early Spring 2006. The conference will be held as a public meeting with coordination and cooperation from the WVCA and the local conservation district.

Objective 1.4: Work with states in MO-13 area to ensure that publications are not held up due to lack of technical or English edit. Priority list is outlined in publication report. Limit travel in the first and second quarters to facilitate a gain in manuscript preparation.

<i>Action Item</i>	<i>Start</i>	<i>Ending</i>	<i>Responsible</i>	<i>Percentage</i>	<i>Comments/</i>
--------------------	--------------	---------------	--------------------	-------------------	------------------

**Fiscal Year 2006 Business Plan  
MLRA Soil Survey Region 13  
West Virginia Soil Survey Program**

	<i>Date</i>	<i>Date</i>	<i>Person</i>	<i>Complete</i>	<i>Earmarks</i>
<ul style="list-style-type: none"> <li>Goal 2: Expand the use of <u>new technology</u> in soil survey offices, improving efficiency and quality of our soil surveys by implementing the new Soil Survey Project Management Office concept in MO-13 Area</li> </ul>					
Objective 2.1: Complete soil business requirements for SSURGO certifications as set forth in the National SSURGO 2006 Worklist					
Objective 2.2: Complete soil map compilation on the following counties in WV and provide support to other states in MO-13 area:					
Brooke, Ohio, and Hancock Counties	Oct 05	Jan 2006	Delp/Currence	CE – CVI Digitizing	
Wood and Wirt Counties	Feb 2006	May 2006	Delp/Pate		
Preston County	Mar 2006	June 2006	Delp/Staff		
Jefferson County	Oct 2005	May 2006	Delp/Beard		
Lincoln County	Oct 2005	May 2006	Delp/Jones		
<ul style="list-style-type: none"> <li>Goal 3: Finalize the MLRA Restructuring Area Plan and be prepared to execute by 10/01/06</li> </ul>					
Objective 3.1: Work with state soil scientists in the region to develop an <u>MLRA Management Area Plan</u> to improve program management					
	10/01/05	12/31/05	Carpenter/BOD		
Objective 3.2: Plan and execute the soil scientist's field week for 2006 to support NPS mapping contract					
	02/01/06	05/30/06	Carpenter/Jenkins/Pate/staff		
<i>Action Item</i>	<i>Start</i>	<i>Ending</i>	<i>Responsible</i>	<i>Percentage</i>	<i>Comments/</i>

**Fiscal Year 2006 Business Plan  
MLRA Soil Survey Region 13  
West Virginia Soil Survey Program**

	<i>Date</i>	<i>Date</i>	<i>Person</i>	<i>Complete</i>	<i>Earmarks</i>
<ul style="list-style-type: none"> <li>Goal 4: Utilize new technology to improve efficiency in the Soil Survey.</li> </ul>					
Objective 4.1: Strengthen the conservation delivery system by providing SSURGO data for Customer Service Tool Kit and working with the NSSL and WVU to add pedons to the Soil P Retention Study. (Ongoing)					Ohio and Potomac Congressional Earmark
Objective 4.2: Ensure timely, science-based information and technologies by working with the area resource soil scientists in providing complete and modern soil data for CST particularly as directed by NSSC. (Ongoing)					
Objective 4.3.1: Implement new PDA application for capture of pedon data					
	12/01/05	09/30/06	Carpenter/Van Lear		
Objective 4.3.2: Work with ASTC (FO) to upgrade Computers available to the Area Resource Soil Scientists					
(ongoing)	10/01/05	09/30/06	Carpenter/Delp	0%	
Objective 4.3.3: Work with National Geospatial Development Center at WVU to install and test a dedicated SDE/SQL Server for broad Landscape analysis.					
	10/01/05	09/30/06	Carpenter	0%	

**Fiscal Year 2006 Business Plan  
MLRA Soil Survey Region 13  
West Virginia Soil Survey Program**

<i>Action Item</i>	<i>Start Date</i>	<i>Ending Date</i>	<i>Responsible Person</i>	<i>Percentage Complete</i>	<i>Comments/ Earmarks</i>
<ul style="list-style-type: none"> <li>Goal 5: Market the NCSS, strengthen partnerships, and utilize <u>outreach</u> programs to improve diversity</li> </ul>					
Objective 5.1.1: Complete and initiate work plan for soil survey of the National Park Service land in Fayette, Raleigh, Mercer, and Summers Counties.					
a. Hold WV Work Planning Conference and attend those of states in MO-13 region.					
	3/08/06	09/30/06	Carpenter/Delp/ARSS		
c. Attend the Regional NCSS Conference (NJ).					
	6/21/06	6/26/06	Carpenter		
d. Attend and Support the World Congress of Soil Science					
	7/09/06	7/15/06	Carpenter/ Staff		
e. Participate in WV Conservation Partnership Conference.					
	11/02/05	11/04/05	Carpenter, Delp, and staff		
f. Strengthen contacts with WVU for SCEP and recruitment.					
Meet with Dr. Barton Baker on SCEP and 457 Series		by 5/06	Carpenter/Sargent		
g. Continue to work with the U.S. Forest Service on mapping on Federal lands and other projects as they evolve.					

**Fiscal Year 2006 Business Plan  
MLRA Soil Survey Region 13  
West Virginia Soil Survey Program**

---

<i>Action Item</i>	<i>Start Date</i>	<i>Ending Date</i>	<i>Responsible Person</i>	<i>Percentage Complete</i>	<i>Comments/ Earmark</i>
--------------------	-----------------------	------------------------	-------------------------------	--------------------------------	------------------------------

---

- **Goal 6: Update mapping and maintenance projects.**

Objective 6.1.1: Complete update mapping on 590,000 acres in West Virginia.

10/01/05	9/30/06	Carpenter/field staff
----------	---------	-----------------------

- **Goal 7: Digitizing SSURGO Data for customer toolkit and electronic finishing for soil survey maps for public use.**

Objective 7.1.1: Redirect resources to implement 2007 SSURGO plan and get backlog reduced.

10/01/05	9/30/06	Delp/carto staff
----------	---------	------------------

- **Goal 8: Support to states in MO-13 on investigations, lab data, and cartography.**

Objective 8.1.1: Implement new digital techniques at the SSIC for automated map check for digital map development. Carpenter and Delp will provide training and software for this transition: Ongoing

- **Goal 9: Collection of Soil Phosphorus samples in the Potomac Basin**

Objective 9.1: Work with NSSC (Mays, Elrashidi) to collect soil samples in Potomac Basin's Cacapon River (Waite's Run and Trout's Run) For the Soil Phosphorus runoff study:

1/06	3/06	Carpenter/Beard	WV – CE Reimburse
------	------	-----------------	-------------------

Objective 9.2: Work with NSSC and WVU to study preferential flow and Ksat in soils of Potomac Basin NRCS PM Earmark

04/06	09/06	Carpenter/staff
-------	-------	-----------------

**Fiscal Year 2006 Business Plan  
MLRA Soil Survey Region 13  
West Virginia Soil Survey Program**

<i>Action Item</i>	<i>Start Date</i>	<i>Ending Date</i>	<i>Responsible Person</i>	<i>Percentage Complete</i>	<i>Comments/Earmark</i>
<ul style="list-style-type: none"> <li><b>Goal 10: Training.</b></li> </ul>					
Objective 10.1: Use every means available to increase knowledge and skill levels of staff through training (formal, OJT, other):					
a. Hold NASIS Report Writing Training.	4/3/06	4/7/06	Carpenter/Van Lear/Fortner		
b. Hold NASIS Interpretations Training.	3/13/06	3/17/06	Carpenter/ Van Lear/Dobos		
c. Hold GIS session for ARSS and MO Staff		TBA	Carpenter/Delp/Prescott/Noll/Chase		
d. Hold NASIS Pedon Training. Remote site/net meeting		TBA	Carpenter/Van Lear/NSSC		
e. Provide training to new soil conservationists (OJT)			Pate/Beard/Teets/Cole		
Objective 10.2: Provide training for use and maintenance of SDE Server for MO-13 office as provided by ESRI/NGDC.					
	AFTER server is installed		Carpenter/Van Lear//Prescott/Chase/Noll		